



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Juqing-Yi Cheng, et al. <i>697</i>	§	Docket No.:	24061.470 (TSMC2002-0150)
Serial No.:	10/967,833	§	Examiner:	Dang, Trung Q.
Filed:	October 30, 2003	§	Art Unit:	2823
Entitled:	A Method of Improving Short Channel Effect and Gate Oxide Reliability By Nitrogen Plasma Treatment Before Spacer Deposition	§	Conf. No.:	927

TRANSMITTAL

Mail Stop: AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified patent application.

1. Amendment in Response to the Office Action dated September 3, 2004;
2. Check in the amount of \$88.00;
3. This transmittal (in duplicate); and
4. Return postcard.

The Director is authorized to charge any deficiency fees or credit any overpayments to Deposit Account No. 08-1394 of Haynes and Boone, LLP.

Respectfully submitted,

David M. O'Dell  
Reg. No. 42,044

Date: 12-1-04

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File: 24061.470

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below:

Bonnie Boyle  
Bonnie Boyle

12-1-04

Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: § Confirmation No.: 927  
Cheng, et al §  
Serial No.: 10/697,833 § Group Art Unit: 2823  
Filed: October 30, 2003 § Examiner: Dang, Trung Q  
For: A METHOD OF IMPROVING §  
SHORT CHANNEL EFFECT AND §  
GATE OXIDE RELIABILITY BY §  
NITROGEN PLASMA TREATMENT §  
BEFORE SPACER DEPOSITION §

**RESPONSE TO OFFICE ACTION**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Examiner:

In response to the Office Action of September 3, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** begins on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.

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